

2.5.2.4 RIDEABILITY

Approach Slabs

Application

Approach slabs shall be used when the roadway approaches are concrete pavement or an integral abutment is used. When the approaches are asphalt pavement and the abutment is not an integral type, the designer shall determine the need for an approach slab with the concurrence of the Group Leader. If the approach slab is not constructed when the bridge is built then it will probably never be required. For this reason, do not provide a paving notch in the abutment or the dowel bars for an approach slab if one is not required for the original design.

Design Notes

The 12" thickness assumes a 10' unsupported span. This meets the requirements of AASHTO Article 2.5.2.6.3 for simple spans.

Dead loads include the weight of the approach slab, concrete parapets, and 2 $\frac{3}{8}$ " future wearing surface.

The design is based upon Strength 1 and Service 1.

Standard Drawing Notes

The Standard Drawing shall be modified to meet the details for each specific project. Only the details that apply should be shown. If any of the design parameters are exceeded, the design should be checked.